Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
Data File : VD063231.D
Acq On : 30 Jul 2019 10:09
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jul 31 04:52:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	102	0.01
2	T	Dichlorodifluoromethane	0.611	0.625	-2.3	116	0.01
3	P	Chloromethane	0.475	0.477	-0.4	114	0.01
4	C	Vinyl Chloride	0.492	0.504	-2.4#	109	0.01
5	T	Bromomethane	0.248	0.259	-4.4	107	0.01
6	T	Chloroethane	0.227	0.240	-5.7	112	0.01
7	T	Trichlorofluoromethane	0.954	1.044	-9.4	114	0.01
8	T	Diethyl Ether	0.133	0.140	-5.3	116	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.528	0.569	-7.8	124	0.00
10	T	Methyl Iodide	0.763	0.809	-6.0	104	0.01
11	T	Tert butyl alcohol	0.024	0.020	16.7	98	0.02
12	CM	1,1-Dichloroethene	0.388	0.453	-16.8#	129	0.02
13	T	Acrolein	0.023	0.022	4.3	109	0.00
14	T	Allyl chloride	0.618	0.653	-5.7	109	0.02
15	T	Acrylonitrile	0.063	0.063	0.0	113	0.01
16	T	Acetone	0.108	0.127	-17.6	123	0.01
17	T	Carbon Disulfide	1.298	1.355	-4.4	110	0.01
18	T	Methyl Acetate	0.208	0.194	6.7	110	0.01
19	T	Methyl tert-butyl Ether	0.876	0.905	-3.3	112	0.01
20	T	Methylene Chloride	0.437	0.435	0.5	109	0.01
21	T	trans-1,2-Dichloroethene	0.435	0.458	-5.3	115	0.02
22	T	Diisopropyl ether	1.234	1.286	-4.2	110	0.02
23	T	Vinyl Acetate	0.759	0.804	-5.9	111	0.01
24	P	1,1-Dichloroethane	0.788	0.794	-0.8	107	0.01
25	T	2-Butanone	0.108	0.118	-9.3	113	0.01
26	T	2,2-Dichloropropane	0.813	0.891	-9.6	112	0.01
27	T	cis-1,2-Dichloroethene	0.467	0.480	-2.8	105	0.01
28	T	Bromochloromethane	0.314	0.301	4.1	100	0.01
29		Tetrahydrofuran	0.051	0.048	5.9	102	0.01
30	C	Chloroform	0.978	0.985	-0.7#	108	0.01
31	T	Cyclohexane	0.494	0.525	-6.3	116	0.01
32	T	1,1,1-Trichloroethane	0.946	1.020	-7.8	114	0.01
33	S	1,2-Dichloroethane-d4	0.555	0.596	-7.4	105	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.01
35	S	Dibromofluoromethane	0.427	0.494	-15.7	117	0.01
36	T	1,1-Dichloropropene	0.456	0.487	-6.8	107	0.01
37	T	Ethyl Acetate	0.205	0.207	-1.0	118	0.01
38	T	Carbon Tetrachloride	0.687	0.797	-16.0	112	0.01
39	T	Methylcyclohexane	0.380	0.392	-3.2	105	0.01
40	TM	Benzene	0.956	1.002	-4.8	103	0.01
41	T	Methacrylonitrile	0.245	0.237	3.3	101	0.00
42	TM	1,2-Dichloroethane	0.507	0.539	-6.3	109	0.01
43	T	Isopropyl Acetate	0.262	0.274	-4.6	110	0.01
44	TM	Trichloroethene	0.388	0.399	-2.8	106	0.01
45	C	1,2-Dichloropropane	0.243	0.248	-2.1#	105	0.01

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.202	0.217	-7.4	112	0.01
47	T	Bromodichloromethane	0.515	0.552	-7.2	110	0.00
48	T	Methyl methacrylate	0.170	0.185	-8.8	108	0.01
49	T	1,4-Dioxane	0.001	0.001	0.0	102	0.00
50	S	Toluene-d8	0.955	1.112	-16.4	111	0.01
51	T	4-Methyl-2-Pentanone	0.178	0.180	-1.1	105	0.00
52	CM	Toluene	0.636	0.677	-6.4#	114	0.01
53	T	t-1,3-Dichloropropene	0.444	0.483	-8.8	109	0.01
54	T	cis-1,3-Dichloropropene	0.467	0.512	-9.6	110	0.01
55	T	1,1,2-Trichloroethane	0.215	0.230	-7.0	113	0.01
56	T	Ethyl methacrylate	0.235	0.248	-5.5	106	0.01
57	T	1,3-Dichloropropane	0.338	0.363	-7.4	108	0.01
58	T	2-Chloroethyl Vinyl ether	0.122	0.131	-7.4	109	0.00
59	T	2-Hexanone	0.128	0.142	-10.9	121	0.00
60	T	Dibromochloromethane	0.406	0.435	-7.1	107	0.00
61	T	1,2-Dibromoethane	0.265	0.284	-7.2	112	0.00
62	S	4-Bromofluorobenzene	0.435	0.480	-10.3	114	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64	T	Tetrachloroethene	0.398	0.407	-2.3	110	0.00
65	PM	Chlorobenzene	0.962	1.009	-4.9	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.424	0.470	-10.8	112	0.00
67	C	Ethyl Benzene	1.634	1.821	-11.4#	114	0.00
68	T	m/p-Xylenes	0.599	0.640	-6.8	110	0.01
69	T	o-Xylene	0.550	0.565	-2.7	110	0.01
70	T	Styrene	0.976	0.973	0.3	100	0.00
71	P	Bromoform	0.308	0.344	-11.7	113	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73	T	Isopropylbenzene	3.138	3.527	-12.4	114	0.01
74	T	N-amyl acetate	0.830	0.886	-6.7	109	0.01
75	P	1,1,2,2-Tetrachloroethane	0.533	0.588	-10.3	113	0.01
76	T	1,2,3-Trichloropropane	0.601	0.625	-4.0	103	0.00
77	T	Bromobenzene	0.894	0.894	0.0	105	0.01
78	T	n-propylbenzene	3.734	4.034	-8.0	108	0.00
79	T	2-Chlorotoluene	2.164	2.298	-6.2	111	0.00
80	T	1,3,5-Trimethylbenzene	2.707	2.826	-4.4	114	0.00
81	T	trans-1,4-Dichloro-2-butene	0.167	0.165	1.2	99	0.01
82	T	4-Chlorotoluene	2.547	2.685	-5.4	114	0.00
83	T	tert-Butylbenzene	3.090	3.279	-6.1	111	0.00
84	T	1,2,4-Trimethylbenzene	2.800	3.039	-8.5	110	0.00
85	T	sec-Butylbenzene	3.256	3.565	-9.5	116	0.00
86	T	p-Isopropyltoluene	3.108	2.842	8.6	98	0.00
87	T	1,3-Dichlorobenzene	1.583	1.700	-7.4	114	0.00
88	T	1,4-Dichlorobenzene	1.601	1.562	2.4	101	0.00
89	T	n-Butylbenzene	2.684	2.813	-4.8	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.810	0.864	-6.7	114	0.00
91 T	1,2-Dichlorobenzene	1.379	1.405	-1.9	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.109	0.112	-2.8	132	0.00
93 T	1,2,4-Trichlorobenzene	1.094	1.102	-0.7	107	0.00
94 T	Hexachlorobutadiene	0.793	0.844	-6.4	109	0.00
95 T	Naphthalene	1.547	1.580	-2.1	107	0.00
96 T	1,2,3-Trichlorobenzene	0.864	0.902	-4.4	113	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6